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**United States Patent** [19]**Gehani et al.**[11] **Patent Number:** **5,946,687**[45] **Date of Patent:** **Aug. 31, 1999**[54] **GEO-ENABLED PERSONAL INFORMATION MANAGER**[75] Inventors: **Narain H. Gehani**, Summit; **William D. Roome**, Murray Hill, both of N.J.; **Richard James Trapp**, Charlotte, N.C.[73] Assignee: **Lucent Technologies Inc.**, Murray Hill, N.J.[21] Appl. No.: **08/949,074**[22] Filed: **Oct. 10, 1997**[51] **Int. Cl.<sup>6</sup>** ..... **G06F 17/30**[52] **U.S. Cl.** ..... **707/10; 707/104**[58] **Field of Search** ..... 707/3, 10, 104;  
340/995, 988; 701/200, 208, 209, 211;  
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*Primary Examiner*—Paul V. Kulik[57] **ABSTRACT**

A personal information manager computer program for storing names, addresses, telephone numbers and the like for personal and business contacts includes a capability for delivering geographic information in response to user requests. The personal information manager provides a display which includes one or more fields for entering or selecting contact information. The display also includes a number of buttons for requesting different types of geographic information, such as maps, directions, weather and yellow pages information. When the user clicks on one of the buttons, the personal information manager utilizes an address or other location identifier associated with the contact name to format a request to a geographic information server. The server uses the location identifier to retrieve the appropriate geographic information for that location, and sends the information to the personal information manager for display.

**37 Claims, 3 Drawing Sheets**